Bruhat Bangalore Mahanagara Palike
Executive Engineer Yelahanka Division

Name of Work: Modified Estimate for Improvements to Roads And Drains At SFS 707 And Surrounding Area in Ward No 03

Sl No	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
	Civil Work								
1	KSRRB 300-2. **Earthwork excavation** by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications								
		Cum							
	SFS 707								
	Park road		2	93.00	1.10	1.00	204.60		
	Munesh Fruit Centre Rd		2	17.40	1.10	1.00	38.28		
	Tailoring shop road		1	8.00	1.10	1.00	8.80		
	S.B Clinic Rd		2	94.90	1.10	1.00	208.78		
	Cross road-1		2	30.50	1.10	1.00	67.10		
	Cross road-2		2	27.55	1.10	1.00	60.61		
	Muneshwara Layout								
	6th Cross Rd		2	83.90	1.06	1.00	178.04		
	5th Cross Rd		2	68.00	0.92	1.00	125.12		
	Debris		8	9.00	7.89	0.35	198.83		
	RCC Culvert		2	4.95	1.80	1.00	17.82		
			2	5.40	1.50	1.00	16.20		
							1107.97		
			Upto 125%				**956.60**	**220.00**	**210452.00**
			Above 125%				**151.37**	**204.77**	**30996.81**
		Approved Amount		**220.00**					
2	KSRB 4-2.3 : Providing and laying in **position plain cement concrete of Mix 1:4:8** with OPC @ 280kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 25 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.								
		Cum							
	SFS 707								
	Park road		2	93.00	1.10	0.15	30.69		
	Munesh Fruit Centre Rd		2	17.40	1.10	0.15	5.74		
	Tailoring shop road		1	8.00	1.10	0.15	1.32		
	S.B Clinic Rd		2	94.90	1.10	0.15	31.32		
	Cross road-1		2	30.50	1.10	0.15	10.07		
	Cross road-2		2	27.55	1.10	0.15	9.09		
	Muneshwara Layout								
	6th Cross Rd		2	83.90	1.06	0.15	26.71		
	5th Cross Rd		2	68.00	0.92	0.15	18.77		
	RCC Culvert		2	4.95	1.80	0.15	2.67		
			2	5.40	1.50	0.15	2.43		
		Approved Amount		**5500.00**			**138.80**	**5500.00**	**763410.29**

	Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
3	Providing and laying plain/reinforced cement concrete for side drains using **M20 nominal mix concrete with OPC at 300 kgs.** with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 2500, 2700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm								
		Cum							
	Drain Raft								
	SFS 707								
	Park road		2	93.00	0.90	0.15	25.11		
	Munesh Fruit Centre Rd		2	17.40	0.90	0.15	4.70		
	Tailoring shop road		1	8.00	0.90	0.15	1.08		
	S.B Clinic Rd		2	94.90	0.90	0.15	25.62		
	Cross road-1		2	30.50	0.90	0.15	8.24		
	Cross road-2		2	27.55	0.90	0.15	7.44		
	Muneshwara Layout								
	6th Cross Rd		2	83.90	0.82	0.15	20.64		
	5th Cross Rd		2	68.00	0.76	0.15	15.50		
	Drain Wall								
	SFS 707								
	Park road		4	93.00	0.15	0.60	33.48		
	Munesh Fruit Centre Rd		4	17.40	0.15	0.60	6.26		
	Tailoring shop road		2	8.00	0.15	0.60	1.44		
	S.B Clinic Rd		4	94.90	0.15	0.60	34.16		
	Cross road-1		4	30.50	0.15	0.60	10.98		
	Cross road-2		4	27.55	0.15	0.60	9.92		
	Muneshwara Layout								
	6th Cross Rd		4	83.90	0.15	0.60	30.20		
	5th Cross Rd		4	68.00	0.15	0.60	24.48		
							259.26		
	RCC Culvert Raft		2	4.95	1.50	0.20	2.97		
			2	5.40	1.20	0.20	2.59		
	RCC Culvert Wall		4	4.95	0.30	0.60	3.56		
			4	5.40	0.30	0.60	3.89		
							13.01		
		Approved Amount		5640.00			272.27	5640.00	1535613.52
4	KSRB 4.9.2 : Providing **T.M.T steel reinforcement** for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.								
		Tn							
	For Draln 65kg/cum			259.26	0.065		16.85		
	For Culvert 90kg/cum			13.01	0.090		1.17		
		Approved Amount		75700.00			18.02	75700.00	1364342.88

Description of Items	Unit	No	Length	Width	Depth	Quantity	Rate	Amount
Providing and Fixing **pre cast covering Slab 100mm thick** made out of CC 1:2:4 and jelly 20mm down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Sqm							
SFS 707								
Park road		2	71.60	0.90		128.88		
Munesh Fruit Centre Rd		2	7.80	0.90		14.04		
Tailoring shop road		1	8.00	0.90		7.20		
S.B Clinic Rd		2	39.00	0.90		70.20		
Cross road-1		2	4.20	0.90		7.56		
Cross road-2		2	13.00	0.90		23.40		
Muneshwara Layout								
6th Cross Rd		2	71.00	0.75		106.50		
5th Cross Rd		2	34.20	0.75		51.30		
						409.08	2550.00	1043154.00
	Approved Amount		2550.00					
6	Providing and fixing RCC **precast cover slab of 250mm thick** for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)							
	Sqm							
RCC Culvert Raft		2	4.95	1.50		14.85		
		2	5.40	1.20		12.96		
						27.81		
		Upto 125%				18.00	5700.00	102600.00
		Above 125%				9.81	5418.00	53150.58
	Approved Amount		5700.00					
							Total Construction Cost	5103720.07

Assistant Engineer
Ward 03
BBMP Bangalore

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division,
B.B.M.P. Bangalore

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Technical Sanction
Accorded For 5,10,372.07
Head of A/C 4.3.6.5.3
CER NO 20 Dt. 25.06.2021

JA

CE (YNK)